

EPA Action Plan for the San Francisco Bay Delta Estuary



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Clean Water Act Assessment

I. ANPR

- A. Aquatic life stressors
- B. Science & protection
- c. Seek public input



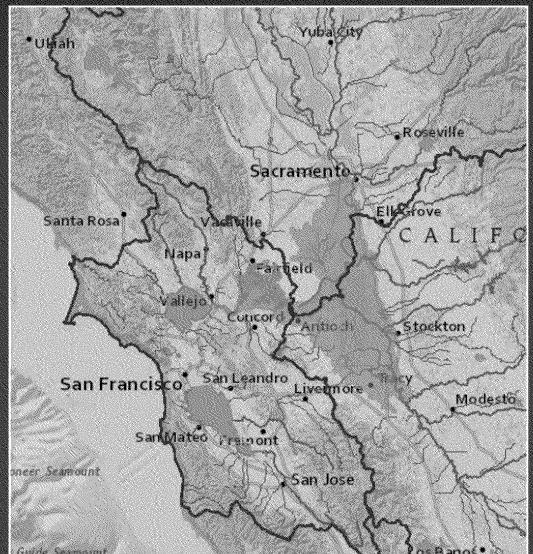
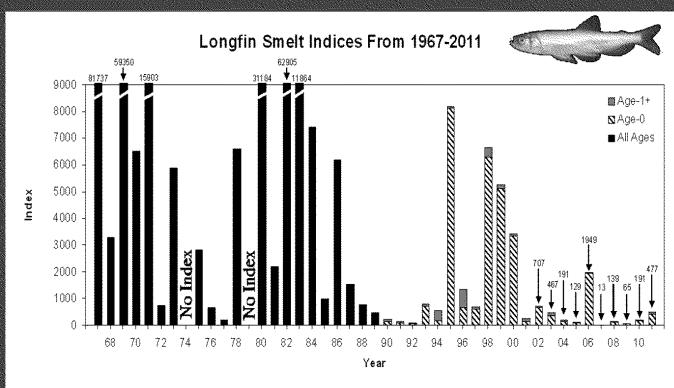
II. Evaluate Clean Water Act Programs

- A. Synthesize public comment
- B. Evaluate information
- c. Final Assessment Report



Inadequate aquatic life protection under CWA programs

Long term and recent population declines in pelagic fish and salmonids



Abundant and persistent water quality impairments

EPA SF Bay Delta Estuary Action Plan

1. Strengthen estuarine habitat protection standards
2. Advance regional water quality monitoring and assessment
3. Accelerate water quality restoration through Total Maximum Daily Loads
4. Strengthen selenium water quality criteria
5. Improve pesticide pollution prevention
6. Restore aquatic habitats while managing methylmercury
7. Support development of the Bay Delta Conservation Plan

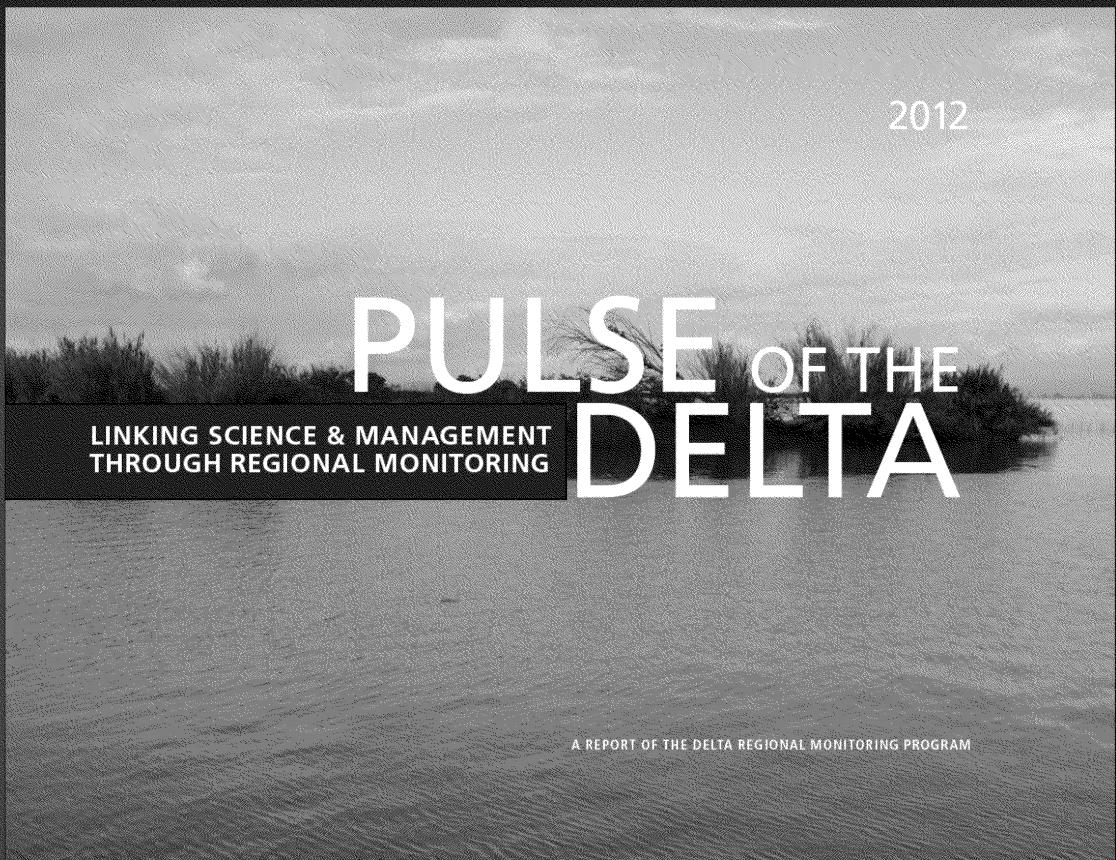
Strengthen Estuarine Habitat Water Quality Standards

- Delta outflow
- San Joaquin and Sacramento Inflows
- Old and Middle River flows
- Floodplain flows



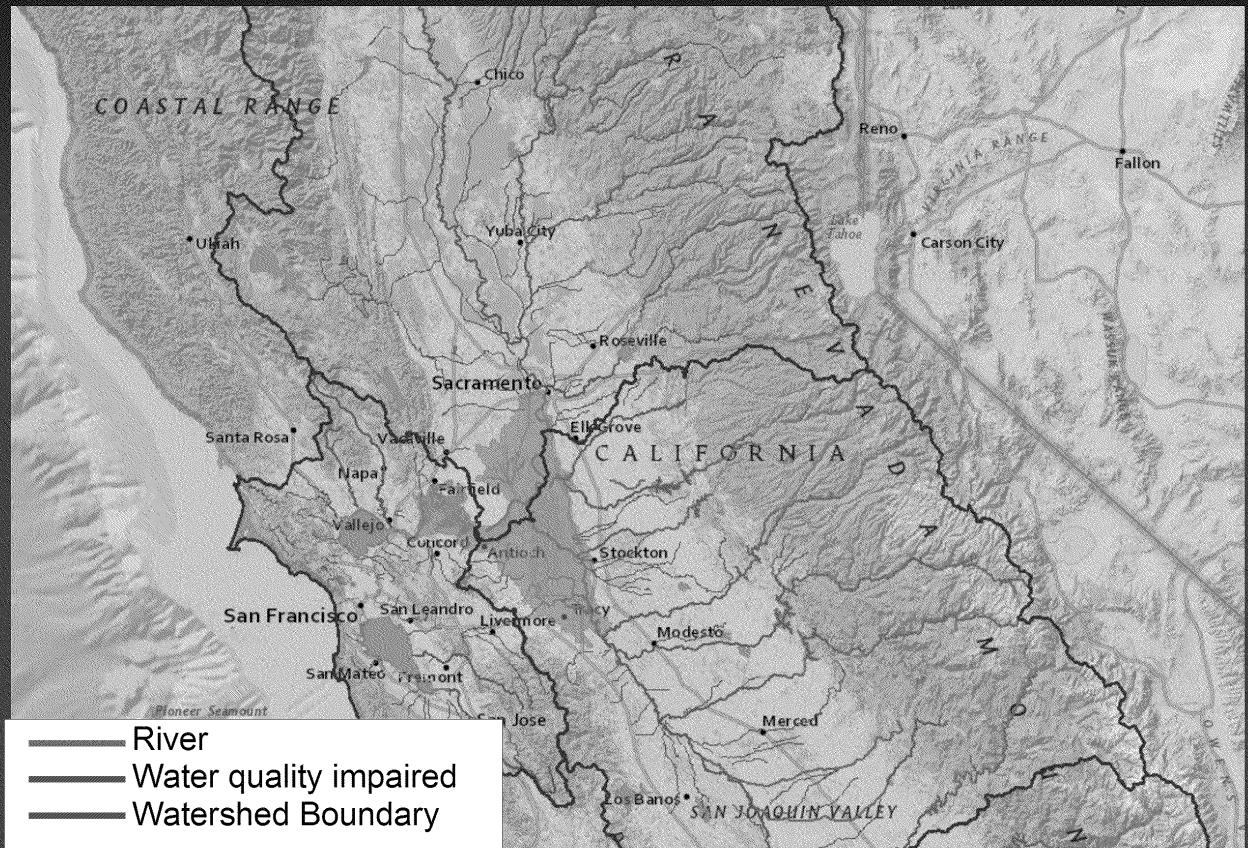
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Advance Delta Regional Monitoring Program



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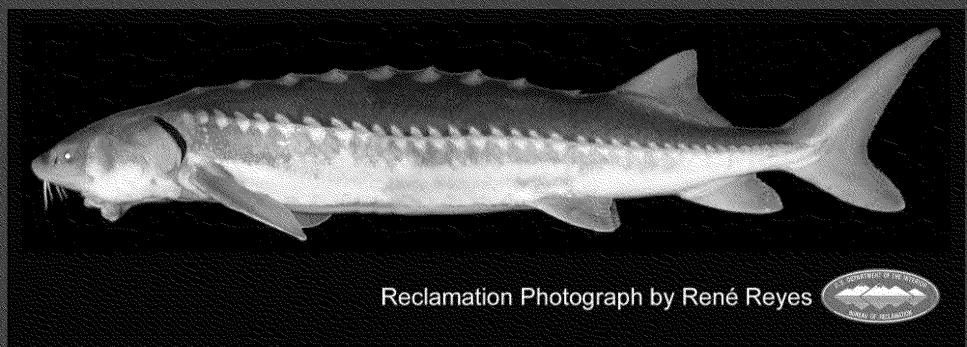
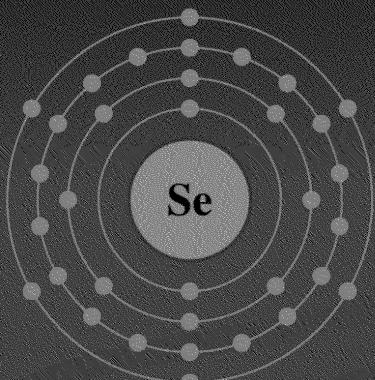
Accelerate Water Quality Restoration through TMDLs



Map Source: www.epa.gov/sfbaydelta Interactive Map

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Strengthen Selenium Water Quality Criteria



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Pesticide Pollution Prevention

Figure 42 Spatial distribution of the percentile level of Indicator days for July for the period 2000–2009

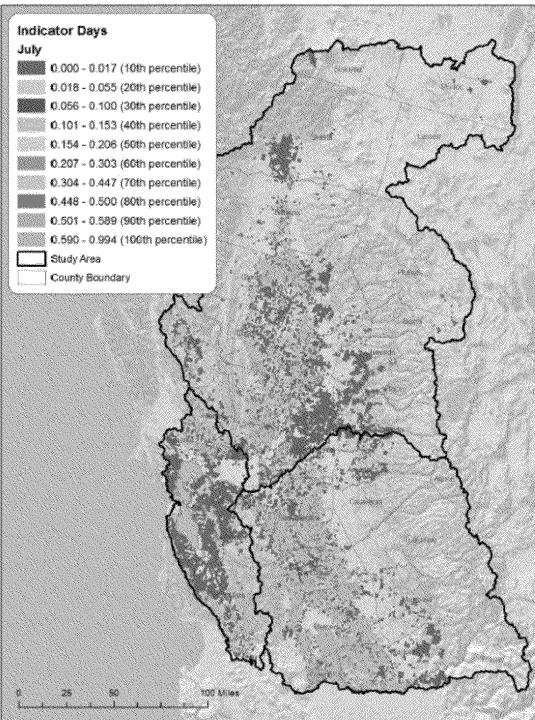
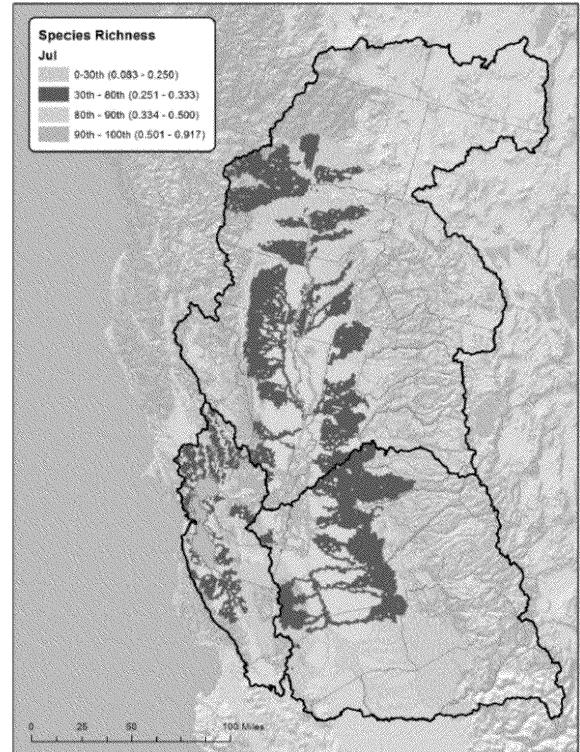


Figure 67 Species Richness - July



Improve methylmercury control in wetland habitat restoration



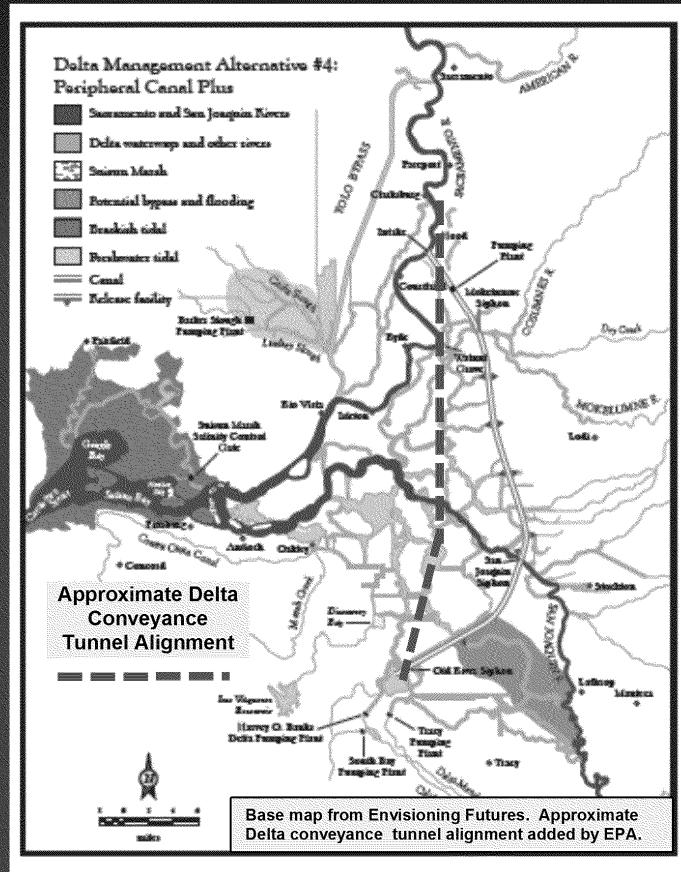
EPA providing \$1.4 M for
DWR Dutch Slough
Restoration Project

EPA funding USGS mercury
sequestration research



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Support the Development of Bay Delta Conservation Plan



- NEPA & CWA
- Water quality
- Aquatic habitat



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Closing

www.epa.gov/sfbaydelta

San Francisco Bay Delta Watershed

Contact Us Share

Action Plan to Protect the Bay Delta

Learn more about the Action Plan »



Watershed News

- [Watershed Action Plan Released](#)
- [EPA Awards \\$59,000 to Revive the San Joaquin River](#)
- [Impaired Waters Map](#)

Learn

- ◆ Basic Information
- ◆ The Challenges
- ◆ Resources for Learning More
- ◆ Health Advisories

Protect

- ◆ EPA's Role in the Watershed
- ◆ EPA's Watershed Activities
- ◆ EPA's Watershed Partners
- ◆ NEPA Comments

Restore

- ◆ Bay Area Projects
- ◆ Tribal Projects
- ◆ Community Successes
- ◆ Water Quality Improvement

We All Live in a Watershed

Learn What You Can Do to Help Protect Yours

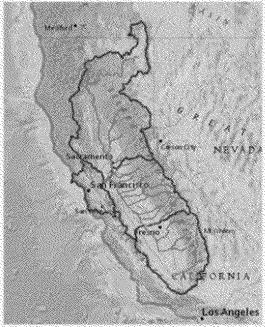
Tour the Watershed

Take an aerial tour of the largest watershed and

Live Delta Conditions

Get real-time data on conditions in the Delta: water

Interactive Watershed Map



Map showing watersheds, wetland restoration sites, green developments and more.

Find Your Watershed
Enter your ZIP:
 GO
More info

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